| Ref<br>#  | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|--|---------------------|---------|------------------|
| L13       | 603  | yorihisa  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/08 15:27 |
| L14       | 16   | ("4334219"   "4504133"  <br>"4812831"   "5205637"   "5266949"<br>  "5278362"   "5523774"  <br>"5605406"   "5825352"   "5828948"<br>  "5872559"   "5943043"  <br>"6046730"   "6137427"   "6211858"<br>  "6310609").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR                  | ON      | 2007/02/08 15:36 |
| S1        | 3502 | (345/156).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR                  | OFF     | 2007/01/22 15:30 |
| S2        |      | jim near orr  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR                  | ON      | 2007/01/22 15:38 |
| <b>S3</b> | 25   | "5838138"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR                  | ON      | 2007/01/22 15:32 |
| S4        | 2    | ("5838138").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR                  | OFF     | 2007/01/22 15:33 |
| S5        | 1428 | kinetic adj energy adj conver\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR                  | ON      | 2007/01/22 15:39 |

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|-----|-----|--|---|---------------------------------------|-----|------------------|
| S6  | 123 | (kinetic adj energy adj conver\$4)<br>with (electrical adj energy) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON  | 2007/01/22 15:40 |
| S7  | 2   | S6 same (wireless adj key\$board)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON  | 2007/01/22 15:41 |
| S8  | 3   | S6 same (key\$board)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON  | 2007/01/22 15:42 |
| S9  | 4   | S6 and (key\$board)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON  | 2007/01/22 15:45 |
| S10 | 2   | ("6445379").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | OFF | 2007/01/22 15:46 |
| S11 | 2   | ("6485172").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | OFF | 2007/01/22 15:47 |
| S12 | 2   | ("20020118173").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | OFF | 2007/01/22 15:47 |
| S13 | 2   | ("10283079").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | OFF | 2007/01/22 15:48 |

| S14 | 2            | ("6686903").PN.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/22 15:49 |
|-----|--------------|------------------------|---|----|-----|------------------|
| S20 | <b>78545</b> | (key\$board with key)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:00 |
| S21 | 55068        | energy adj genera\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:01 |
| S22 | 228137       | piezo\$electric        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:02 |
| S23 | 105          | S22 with S20           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:02 |
| S25 | 1256         | S22 and S20            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:02 |
| S26 | 125          | S25 and S21            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 16:02 |
| S27 | 1            | ("2002/0009320").URPN. | USPAT   | OR | ON  | 2007/01/22 18:04 |
| S28 | 1            | ("2002/0009320").URPN. | USPAT   | OR | ON  | 2007/01/22 16:10 |

| S29 | 39     | ("20020009320"   "3463942"   "3559027"   "3701903"   "3940637"   "3976899"   "4127424"   "4185621"   "4226924"   "4239974"   "4320477"   "4360860"   "4402524"   "4409548"   "4467236"   "4500838"   "4504761"   "4523261"   "4612472"   "4701835"   "4893049"   "4943752"   "5039928"   "5053693"   "5065067"   "5092243"   "5389850"   "5512795"   "5552656"   "5801475"   "5838138"   "6198205"   "6307142"   "6342776"   "6411016"   "6433465"   "6737789").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:10 |
|-----|--------|---|------------------------------|----|----|------------------|
| S30 | 2      | ("5838138"   "5911529").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:17 |
| S31 | 7      | ("5911529").URPN.   | USPAT                        | OR | ON | 2007/01/22 16:22 |
| S32 | 2      | ("5838138"   "5911529").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:26 |
| S33 | 2      | ("5220318"   "5615393").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:26 |
| S34 | 7      | ("5911529").URPN.   | USPAT                        | OR | ON | 2007/01/22 16:37 |
| S35 | 2      | ("5838138"   "5911529").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:38 |
| S36 | 15     | ("5838138").URPN.   | USPAT                        | OR | ON | 2007/01/22 16:42 |
| S37 | 8      | ("4481449"   "5455496"  <br>"5714812"   "5714941"   "5838138"<br>  "6094020"   "6181502"  <br>"6342984").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 17:09 |
| S38 | 44076  | (kinetic or mechanical) with convert\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 17:10 |
| S39 | 723875 | key   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 17:10 |
| S40 | 178    | S38 with S39  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 17:11 |
| S41 | 595    | S38 same S39  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 17:11 |

| S42 | 252218 | wireless or wire\$less  | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:11 |
|-----|--------|---|--|------|-----|------------------|
| S43 | 8390   | S42 with S39  | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:11 |
| S44 | 1      | S43 same S38  | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:12 |
| S45 | 45     | S43 and S38   | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:12 |
| S46 | 0      | ("2005/0105951").URPN.  | USPAT  | OR   | ON  | 2007/01/22 17:43 |
| S47 | 15     | ("5145270"   "5260512"  <br>"5513824"   "5741182"   "5893540"<br>  "5944533"   "6454627"  <br>"6582330"   "6585162"   "6595786"<br>  "6644605"   "6664949"  <br>"6708228"   "6824321"  <br>"D402643").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:49 |
| S48 | 6      | "6585162"   | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:51 |
| S49 | 5      | "6664949"   | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:51 |
| S50 | 2      | ("6664949").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR . | OFF | 2007/01/22 17:51 |
| S51 | 12     | ("4628541"   "5189543"  <br>"5481265"   "5724106"   "5729220"<br>  "5900867"   "5903259"  <br>"5943042"   "5952996"   "6133833"<br>  "6288709"   "6292172").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | ON  | 2007/01/22 17:54 |
| S52 | 4      | ("6664949").URPN.   | USPAT  | OR   | ON  | 2007/01/22 18:01 |
| S53 | 3468   | key\$board near3 (transmit\$6 or wire\$less)  | USPAT  | ·OR  | ON  | 2007/01/22 18:01 |
| S54 | 8537   | key\$board near3 (transmit\$6 or wire\$less)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/01/22 18:02 |

| S55 | 3   | S54 same ((mechanical or kinetic) with electrical with convert)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2007/01/22 18:05 |
|-----|-----|---|--|---------|-----|------------------|
| S57 | 552 | (342/22).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR      | OFF | 2007/01/22 18:05 |
| S58 | 0   | S57 and ((mechanical or kinetic) with electrical with convert)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2007/01/22 18:05 |
| S59 | 1   | S57 and ((mechanical or kinetic) with convert)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2007/01/22 18:05 |
| S60 | . 0 | ("2005/0105951").URPN.  | USPAT  | OR      | ON  | 2007/01/22 18:32 |
| S62 | 1   | "5065067".PN.   | USPAT;<br>USOCR  | OR      | ON  | 2007/01/22 18:35 |
| S63 | 21  | ("5065067").URPN.   | USPAT  | OR      | ON  | 2007/01/22 18:38 |
| S64 | 28  | ("1190308"   "3040243"   "3063006"   "3068460"   "3211069"   "3214689"   "3363139"   "3425049"   "3639788"   "3712197"   "3725780"   "3760266"   "3782258"   "3808418"   "3880572"   "4025817"   "4256991"   "4523261"   "4595864"   "4748366").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR      | ON  | 2007/01/22 18:39 |
| S65 | 1   | "5039928".PN.   | USPAT;<br>USOCR  | OR      | ON  | 2007/01/22 18:40 |
| S66 | 1   | "4943752".PN.   | USPAT;<br>USOCR  | OR<br>· | ON  | 2007/01/22 18:40 |
| S67 | 1   | "4523261".PN.   | USPAT;<br>USOCR  | OR      | ON  | 2007/01/22 18:40 |
| S68 | 1   | "5065067".PN.   | USPAT;<br>USOCR  | OR      | ON  | 2007/01/22 18:41 |

| S69 | 1764 | (wireless adj (key\$board or<br>key\$pad))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:33 |
|-----|------|--|---|----|------|------------------|
| S70 | 6000 | piezo\$electric with transformer               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:35 |
| S71 | 1    | S69 with S70                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:33 |
| S72 | 1    | S69 same S70                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:33 |
| S73 | 1    | S69 and S70                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:33 |
| S74 | 2049 | (wireless adj (key\$board or key\$pad or key)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:33 |
| S75 | · 1  | S74 with S70                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/01/23 07:33 |
| S76 | 1014 | piezo with transformer                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/23 07:34 |

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|-----|---------------|---|---|------|----|------------------|
| S77 | 0             | (piezo with transformer) with S74           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2007/01/23 07:34 |
| S78 | 0             | (piezo same transformer) with S74           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2007/01/23 07:35 |
| S79 | 1             | (piezo\$8 same transformer) with S74        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:35 |
| S80 | 3             | (piezo\$electric with transformer) with key | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:38 |
| S81 | 13            | (piezo\$electric with transformer) same key | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:38 |
| S82 | 10            | S81 not S80                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:44 |
| S83 | 17613         | piezo\$electric adj actuator                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:44 |
| S84 | 26            | S83 with key                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/23 07:44 |
| S85 | 7             | ("5911529").URPN.                           | USPAT   | OR   | ON | 2007/01/23 08:01 |

| S86 | 75 | ("20020070635"   "20020074898"                                 | US-PGPUB;       | OR | ON  | 2007/01/23 08:33 |
|-----|----|--|-----------------|----|-----|------------------|
|     |    | "20020084717"   "20030009855"                                  | USPAT;          |    | :   |                  |
|     |    | "2976426"   "3056932"   "3270283"                              | USOCR           |    |     |                  |
|     |    | "3548314"   "3796958"  |                 |    |     |                  |
|     | ·  | "3940637"   "3976899"   "3980996"                              |                 |    |     |                  |
|     |    | "4295058"   "4402524"  <br>  "4577052"   "4612472"   "4623814" |                 |    |     |                  |
|     |    | "4631736"   "4761582"  |                 |    |     |                  |
|     |    | "4811013"   "4835533"   "4864340"                              |                 |    |     |                  |
|     |    | "4866433"   "4983963"  |                 |    |     |                  |
|     | P  | "5014062"   "5065067"   "5079530"                              |                 |    |     |                  |
|     |    | "5082505"   "5124610"  |                 |    |     |                  |
|     |    | "5204672"   "5216316"   "5235232"                              |                 |    |     |                  |
|     |    | "5239779"   "5256878"  |                 |    |     | •                |
|     | ,  | "5266863"   "5280751"   "5306445"                              |                 |    |     |                  |
|     |    | "5315204"   "5443657"  |                 |    |     |                  |
|     |    | "5486818"   "5552972"   "5568939"                              |                 |    |     |                  |
|     |    | "5571253"   "5592169"  |                 |    |     |                  |
|     |    | "5606213"   "5632169"   "5642014"                              |                 |    | ļ   |                  |
|     |    | "5684470"   "5721462"  |                 |    |     |                  |
|     |    | "5765680"   "5801475"   "5859484"                              |                 |    |     |                  |
|     |    |  |                 |    |     | ·                |
|     |    | "5977882"   "6001211"  |                 |    |     |                  |
|     |    | 3377882  |                 |    |     |                  |
|     |    | "6038895"   "6072403"  |                 |    |     |                  |
|     |    | "6084317"   "6089649"   "6094131"                              |                 |    |     |                  |
|     |    | "6144288"   "6147420"  |                 |    |     |                  |
|     |    | "6407483"   "6700310").PN.                                     |                 |    |     |                  |
| S87 | 2  | ("6491457").URPN.  | USPAT           | OR | ON  | 2007/01/23 08:46 |
| S88 | 1  | ("2002/0009320").URPN.   | USPAT           | OR | ON  | 2007/01/23 08:47 |
| S89 | 2  | ("5220318"   "5615393").PN.                                    | US-PGPUB;       | OR | ON  | 2007/01/23 14:01 |
|     |    |  | USPAT;          |    |     |                  |
|     |    |  | USOCR           |    |     |                  |
| S90 | 0  | self adj power adj key\$board                                  | US-PGPUB;       | OR | ON  | 2007/01/23 14:02 |
| 390 | v  | Sell day power day keyaboard                                   | USPAT;          |    |     | 2007/01/25 11:02 |
|     |    |  | USOCR           |    |     |                  |
|     |    |  | ļ               | OD | ON  | 2007/01/22 14:00 |
| S91 | 1  | self adj2 power adj2 key\$board                                | US-PGPUB;       | OR | ON  | 2007/01/23 14:09 |
|     |    |  | USPAT;<br>USOCR |    |     | ,                |
|     |    |  |                 |    | 1   |                  |
| S92 | 0  | (2005/0001815).CCLS.   | US-PGPUB;       | OR | OFF | 2007/01/23 14:09 |
|     |    |  | USPAT;          |    |     |                  |
|     |    |  | USOCR;          |    |     |                  |
|     |    |  | EPO; JPO;       |    |     |                  |
|     |    |  | DERWENT;        |    |     |                  |
|     |    |  | IBM_TDB         | L  |     |                  |

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|----------|---------------|---|---|------|------|------------------|
| S93      | 2             | ("20050001815").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/01/23 14:09 |
| S94      | 2             | ("2002/0118173").URPN.  | USPAT   | OR   | ON   | 2007/01/23 14;22 |
| S95      | 3             | "6933655"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/01/23 15:16 |
| S96      | 2             | ("6933655").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/01/23 15:17 |
| S97      | 2             | ("5838138"   "5911529").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON   | 2007/01/25 09:41 |
| S98      | 2             | ("5220318"   "5615393").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR . | ON . | 2007/01/25 09:41 |
| S99      | 23            | ("3611358"   "3768095"   "3848252"   "3911429"   "4117430"   "4163138"   "4298861"   "4534012"   "4545023"   "4644326"   "4748656"   "4785226"   "5029183"   "5065357"   "5081628"   "5107739"   "5157585"   "5220521"   "5227957"   "5300879"   "5490037"   "5506369"   "5539616").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON   | 2007/01/25 09:42 |
| S10<br>0 | 10            | ("3363717"   "3648117"  <br>"3693123"   "3818369"   "3831730"<br>  "3938042"   "4028696"  <br>"4494109"   "4507601").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON   | 2007/01/25 09:45 |
| S10<br>1 | 12            | ("3559027"   "4185621"  <br>"4239974"   "4320477"   "4360860"<br>  "4504761"   "4523261"  <br>"4701835"   "4943752"   "5039928"<br>  "5065067").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON   | 2007/01/25 09:46 |
| S10<br>2 | 12            | ("4628541"   "5189543"  <br>"5481265"   "5724106"   "5729220"<br>  "5900867"   "5903259"  <br>"5943042"   "5952996"   "6133833"<br>  "6288709"   "6292172").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON   | 2007/01/25 13:13 |

| S10<br>3 | 0      | (200/5).CCLS.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 13:13 |
|----------|--------|--|---|----|-----|------------------|
| S10<br>4 | 0      | (200/5.0).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 13:14 |
| S10<br>5 | 130544 | ("200").CLAS.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 13:15 |
| S10<br>6 | 2691   | (200/5R).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 13:16 |
| S10<br>7 | 4      | S105 and (converter with piezo)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 13:15 |
| S10<br>8 | 6      | S106 and (mechanical with convert\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 13:21 |
| S10<br>9 | 65     | (200/5D).CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 13:21 |
| S11<br>0 | 0      | S109 and (mechanic\$4 with convert\$2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 13:22 |

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| S11<br>1 | 0    | S109 and (kinetic with convert\$2) -  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:22 |
|----------|------|---|---|----|------|------------------|
| S11<br>2 | 1    | S109 and (piezo)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:22 |
| S11<br>3 | 23   | S105 and ((mechanic\$4 with convert\$2) same piezo\$8)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:31 |
| S11<br>4 | 2    | (key\$board or key\$pad) same (<br>((space adj bar or space\$bar)) with<br>(convert\$2 adj mechanical)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:36 |
| S11<br>5 | 2    | ( ((space adj bar or space\$bar)) with (convert\$2 adj mechanical))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:37 |
| S11<br>6 | 2    | ( ((space adj bar or space\$bar))<br>with (convert\$2 adj (mechanical or<br>kinetic)))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:37 |
| S11<br>7 | 1    | ( ((space adj bar or space\$bar)) with ((mechanical or kinetic) adj5 electrical))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/01/25 13:39 |
| S11<br>8 | . 16 | ("5479192").URPN.   | USPAT   | OR | ON   | 2007/01/25 13:38 |
| S11<br>9 | 1    | ( ((space adj bar or space\$bar))<br>with ((mechanical or kinetic) adj4<br>energy))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 13:40 |

| S12<br>0 | 1    | ( ((space adj bar) or space\$bar) with ((mechanical or kinetic) adj4 energy))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 13:40 |
|----------|------|--|---|----|----|------------------|
| S12<br>1 | 45   | ( ((space adj bar) or space\$bar) with ((mechanical or kinetic)))                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 13:41 |
| S12<br>2 |      | ( ((space adj bar) or space\$bar) with ((mechanical or kinetic) with electrical))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 13:42 |
| S12<br>3 | 1527 | ( ((space adj bar) or space\$bar or key) with ((mechanical or kinetic) with electrical))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 13:43 |
| S12<br>4 | 1    | ( ((space adj bar) or space\$bar or key) with (((mechanical or kinetic)adj2 convert) with electrical)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 13:43 |
| S12<br>5 | 6    | ( ((space adj bar) or space\$bar or key) with (((mechanical or kinetic)adj4 convert) with electrical)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 14:09 |
| S12<br>6 | 8    | ( ((space adj bar) or space\$bar or key) with (((mechanical or kinetic)adj6 convert) with electrical)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 15:43 |
| S12<br>7 | 9    | 50not S125   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 14:09 |

| S12<br>8 |      | S126 not S125   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/01/25 14:09 |
|----------|------|---|---|----|------|------------------|
| S12<br>9 | 1696 | (key\$board with sensor) with key   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 15:43 |
| S13<br>0 | 2    | (key\$board with((sensor adj under<br>)near3 key))                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 15:44 |
| S13<br>1 |      | (key\$board with((sensor adj under<br>) with ((multiple or plorality )near3<br>key))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 15:45 |
| S13<br>2 | 0    | (key\$board and((sensor adj under ) with ((multiple or plorality )near3 key)))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/01/25 15:45 |
| S13<br>3 | 0    | (key\$board and((sensor adj under ) with ((multiple or plorality )near9 key)))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 15:45 |
| S13<br>4 | 20   | (key\$board and((sensor adj under ) near4 keys))                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/01/25 15:48 |
| S13<br>5 | 3    | ("6134102").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2007/01/25 15:49 |

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|----------|----|---|---|----|-----|------------------|
| S13<br>6 | 2  | ("6310609").PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 15:59 |
| S13<br>7 | 2  | (keys with( (touch adj sensor) adj<br>under)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:16 |
| S13<br>8 | 2  | 313/1981                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:12 |
| S13<br>9 | 5  | (keys with( (touch adj2 sensor) adj2 under))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:18 |
| S14<br>0 |    | (keys same( (touch adj2 sensor) adj2 under))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:20 |
| S14<br>1 | 2  | plurality adj key adj touch adj<br>sensors    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:20 |
| S14<br>2 | 2  | plurality adj1 key adj1 touch adj1 sensor     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:20 |
| S14<br>3 | 68 | plurality adj1 key adj1 sensor                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/25 16:26 |

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|-------------|----------|---|---|----|----|------------------|
| S14<br>4    | 1107     | keys adj1 sensor                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:26 |
| S14<br>5    | 790      | keys adj1 sensor!                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:27 |
| S14<br>6    | 101      | (keys adj1 sensor!) with key\$board     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:29 |
| S14<br>7    | <b>0</b> | S146 with (convert\$2 with electrical)\ | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:29 |
| S14<br>8    | 0        | S146 with (convert\$2 with electrical)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:30 |
| S14<br>9    | 0        | S146 with (convert\$2 same electrical)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:30 |
| S15<br>0    | 0        | S146 same (convert\$2 same electrical)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:30 |
| S15<br>1    | 10       | S146 and (convert\$2 same electrical)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/25 16:30 |

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|----------|------|--|--|----|----|------------------|
| S15<br>2 | 6    | S146 and (convert\$2 with electrical)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/25 16:30 |
| S15<br>3 | 0    | ("2005/0286961").URPN.   | USPAT  | OR | ON | 2007/01/25 17:30 |
| S15<br>4 | 1443 | key adj area   | USPAT  | OR | ON | 2007/01/25 17:31 |
| S15<br>5 | 18   | S154 with sensor   | USPAT  | OR | ON | 2007/01/25 17:31 |
| S15<br>6 | 20   | sensor adj2 under adj (keys or<br>buttons)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 16:59 |
| S15<br>8 | 311  | (keys or buttons) with (one adj<br>sensor)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:06 |
| S15<br>9 | 9    | ((multiple or plurality) adj (keys or<br>buttons)) with (one adj sensor)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:04 |
| S16<br>0 | 0    | ((keys or buttons)) adj2 use adj2<br>(one adj sensor)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:04 |
| S16<br>1 | O    | ((keys or buttons)) adj3 (use or<br>operate or sense) adj3 (one adj<br>sensor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:05 |

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|----------|-----|---|--|----|----|---------------------------------------|
| S16<br>2 | 36  | (one adj sensor) with connect\$3 with (keys or buttons)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:10                      |
| S16<br>3 | 2   | (one adj sensor!) with connect\$3 with (keys! or buttons!)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:11                      |
| S16<br>4 | 93  | ((one adj sensor!) with region) and (key\$board or key\$pad)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:13                      |
| S16<br>5 | 6   | ((one adj sensor!) with region) same (key\$board or key\$pad) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:19                      |
| S16<br>6 | 195 | ((sensor) with region) same<br>(key\$board or key\$pad)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:20                      |
| S16<br>7 | 94  | ((sensor) with region) with (key\$board or key\$pad)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:20                      |
| S16<br>8 | 90  | ((sensor!) with region) with (key\$board or key\$pad)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:21                      |

| S16<br>9 | 2194 | ((sensor!) with (region or keys or<br>buttons)) with (key\$board or<br>key\$pad) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:22 |
|----------|------|--|--|----|----|------------------|
| S17<br>0 | 1639 | ((sensor!) with (region or keys)) with (key\$board or key\$pad)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:23 |
| S17<br>1 | 767  | ((sensor!) near4 (region! or keys))<br>with (key\$board or key\$pad)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07 17:23 |

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|-----|-----|-----------------------------------|-----------|----|-------------|------------------|
| S17 | 126 | ("20020024501"   "20020030663"    | US-PGPUB; | OR | ON          | 2007/02/07 17:34 |
| 2   |     | "2972140"   "3157853"   "3220121" | USPAT;    |    |             |                  |
|     |     | "3497668"   "3517446"             | USOCR     |    |             |                  |
|     |     | "3623064"   "3902687"   "3903614" |           | •  |             |                  |
|     |     | "3911416"   "3919691"             |           |    |             |                  |
|     |     | "4160508"   "4236325"   "4262549" |           |    |             |                  |
|     |     |                                   |           |    |             |                  |
|     |     | "4464117"   "4484191"   "4513235" |           |    |             |                  |
|     |     | "4581491"   "4599070"             |           |    |             |                  |
|     |     | "4706294"   "4708656"   "4713007" |           |    |             |                  |
| İ   |     | "4731603"   "4794392"             |           |    |             | *                |
|     |     | "4795296"   "4868549"   "4885565" |           |    | ŀ           |                  |
|     |     |                                   |           |    |             |                  |
|     |     | "4934694"   "5019761"   "5022384" |           | ·  |             | ·                |
|     |     | "5022407"   "5035242"             |           |    |             |                  |
|     |     | "5038089"   "5078152"   "5103404" |           |    |             |                  |
|     |     | "5107262"   "5146566"             |           |    |             |                  |
|     |     | "5165897"   "5175459"   "5184319" | ·         |    |             |                  |
|     |     | "5186629"   "5186695"             |           |    |             | ,                |
|     |     | "5203563"   "5212473"   "5240417" |           |    |             |                  |
|     |     | "5271290"   "5275174"   -         |           |    |             |                  |
|     |     | "5283970"   "5296871"   "5299810" |           |    |             |                  |
|     |     | "5309140"   "5334027"             |           |    |             |                  |
|     |     | "5354162"   "5388992"   "5399091" |           |    |             |                  |
|     |     | "5405152"   "5436622"             |           |    |             |                  |
|     |     | "5437607"   "5440183"   "5466213" |           |    |             |                  |
|     |     | "5547382"   "5565840"             |           | ŀ  |             | ·                |
|     |     | "5575761"   "5580251"   "5583478" |           |    |             | ,                |
|     |     | "5587937"   "5589828"             |           |    |             |                  |
|     |     | "5619180"   "5631861"   "5643087" | i         |    |             |                  |
|     | 1.  | "5661446"   "5669818"             |           | }  |             |                  |
|     |     | "5684722"   "5709219"   "5714978" | ŀ         |    |             |                  |
|     |     | "5734373"   "5736978"             |           |    |             |                  |
|     |     | "5739811"   "5742278"   "5754023" |           |    |             | •                |
|     |     | "5766016"   "5781172"             |           |    |             |                  |
|     |     | "5784052"   "5785630"   "5790108" |           |    |             |                  |
|     |     | "5805140"   "5857986"             |           |    |             |                  |
|     |     | "5889672"   "5894263"   "5897437" | }         |    |             |                  |
|     |     | "5914705"   "5945772"             |           |    |             |                  |
|     |     | "5973670"   "5984880"   "5986643" |           |    |             |                  |
|     |     | "6001014"   "6004134"             |           |    |             |                  |
|     |     | "6044646"   "6078126"   "6088017" |           |    |             |                  |
|     |     | "6088019"   "6104158"             |           |    |             |                  |
|     |     | "6111577"   "6160489"   "6184868" |           |    |             |                  |
|     |     | "6198206"   "6206593"             |           |    |             |                  |
|     |     | "6211861"   "6218966"   "6219034" |           |    |             |                  |
|     |     | "6275213"   "6317032"             |           |    |             | ,                |
|     |     | "6422941"   "6424333"   "6585595" |           |    |             |                  |
|     |     | "6587091").PN.                    |           |    | <u> </u>    |                  |

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| S17<br>3 | 16 | ("4334219"   "4504133"  <br>"4812831"   "5205637"   "5266949"<br>  "5278362"   "5523774"  <br>"5605406"   "5825352"   "5828948"<br>  "5872559"   "5943043"  <br>"6046730"   "6137427"   "6211858" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/07 18:28 |
|----------|----|---|------------------------------|----|----|------------------|
|          |    | "6310609").PN.  |                              |    |    |                  |

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